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Robert C. Kowert  
Conley, Rose & Tayon, P.C.  
P.O. Box 398  
Austin, TX 78767-0398

EXAMINER

PWU, JEFFREY C

ART UNIT	PAPER NUMBER
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2143

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Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b> 09/733,232	<b>Applicant(s)</b> SOMASHEKAR ET AL.	
	<b>Examiner</b> Jeffrey C. Pwu	<b>Art Unit</b> 2143	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) \_\_\_\_ is/are pending in the application.  
     4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-54 are rejected under 35 U.S.C. 102(e) as being anticipated by Kanevsky et al. (U.S. 6,912,580).

Kanevsky et al. teaches claims :

1. A method for configuring pluggable components (“virtual shadow brief case” - 106), the method comprising:

configuring preference values (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11) for one or more pluggable components on a first device; (As closely interpreted by the examiner of the broad term ‘preference value’ is simply any number or value)

distributing the one or more pluggable components to one or more other devices via a network subsequent to said configuring; (“This virtual shadow briefcase communicates from a

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server over wireless communication channels and provides needed software or data items by client request. Alternatively, the server in communication proximity to the moving client can "push" data and/or programs to the client. Clients can be embedded in such portable things as a wrist watch, wallet, palmtop, pen, etc. and support front ends of automatic speech and handwriting recognition systems. Additional front ends are possible, like: user verification systems, Java applets, displays, keyboards, Internet browsing, word processors, etc. The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc. This briefcase virtual package can be located in computer processors and memories (servers) of large devices that surround people in everyday life; e.g. TV, refrigerator, electrical piano, cars, PCs etc." at col.2, lines 58-col3. line 30)

wherein the one or more pluggable components are executable within the one or more other devices in accordance with the configured preference values to provide services to users of the one or more other devices. ("An application process is executed by one or more of the CPUs. The application process determines from the client signal that the client is within the range of communication. If the client is within range of communication of one or more of the second computers, the client may request and receive one or more of the application programs through the computer interface from one or more of the second computers at the second computer location. In this way, the client can cause one or more of the CPUs to execute one or more of the application programs. In a more preferred embodiment, the application program (and necessary

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databases) are moved to a next computer as the client moves within the range of communication of this next computer. The application programs/databases can be discarded in the second/next computer once the client moves outside of the range of communication of that respective computer.” At col.2, line 19-)

2. The method as recited in claim 1, wherein said configuring preference values for one or more pluggable components on a first device comprises: receiving user input to a graphical user interface of the first device; and modifying the preference values of a first of the one or more pluggable components in accordance with the received user input. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11)

3. The method as recited in claim 2, further comprising displaying on the graphical user interface a current value of each of the preference values of the first pluggable component, wherein the received user input changes one or more of the displayed current values. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”;

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col.3, lines 4-11)

4. The method as recited in claim 2, further comprising validating the received user input prior to said modifying the preference values. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11)

5. The method as recited in claim 1, wherein said configuring preference values for one or more pluggable components on a first device comprises: receiving user input to a command line interface of the first device; and modifying the preference values of a first of the one or more pluggable components in accordance with the received user input. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11)

6. The method as recited in claim 5, wherein the received user input specifies one or more of the preference values of the first pluggable component and a new value for each of the specified preference values. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user

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(e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11)

7. The method as recited in claim 5, further comprising validating the received user input prior to said modifying the preference values. (“The virtual briefcase can contain such items as personal user data (e.g., telephones, user speech prototypes, user biometrics), general data that is often used by the user (e.g., dictionaries), software packages for supporting speech, handwriting and user verification recognition systems, spelling programs (for word processors), programs for searching database, programs for supporting Java applets etc.”; col.3, lines 4-11)

8. The method as recited in claim 1, wherein said configuring preference values of one or more pluggable components on a first device comprises modifying one or more of the preference values of at least one of the one or more pluggable components. (see “virtual shadow brief case” - 106)

9. The method as recited in claim 1, further comprising initializing each of the preference values of each of the one or more pluggable components to a default value for the preference value prior to said configuring. (co.3, line 11- “This brief case virtual package can be located in computer processors and memories (servers) of large device ... This control server can contain all data for all users”)

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10. The method as recited in claim 1, wherein the one or more pluggable components is a plurality of pluggable components, wherein each of the plurality of pluggable components are copies of a first pluggable component. (Abstract)

11. The method as recited in claim 10, wherein the one or more other devices is a plurality of devices, wherein said configuring preference values comprises modifying the preference values for each of the plurality of pluggable components for execution within a corresponding one of the plurality of devices. (co.3, line 11- “This brief case virtual package can be located in computer processors and memories (servers) of large device ...This control server can contain all data for all users”)

12. The method as recited in claim 11, wherein said distributing comprises sending each of the plurality of pluggable components to the corresponding one of the plurality of devices via the network. (see distribution of embedded server network of fig.1)

15. The method as recited in claim 1, wherein each of the one or more pluggable components comprises a preferences file comprising the preference values associated with the pluggable component. (co.3, line 11- “This brief case virtual package can be located in computer processors and memories (servers) of large device ...This control server can contain all data for all users”)



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16. The method as recited in claim 15, wherein the preferences files are Java programming language Properties files. (col.2, line 56-col.3, line 30; "...programs for supporting Java applets etc....")

17. The method as recited in claim 1, wherein each of the one or more other devices comprise an embedded server, wherein the one or more pluggable components are executable within the embedded server of each of the one or more other devices. (abstract)

18. The method as recited in claim 16, wherein the embedded servers include Java Embedded Servers. (col.2, line 56-col.3, line 30; "...programs for supporting Java applets etc....")

19. The method as recited in claim 1, wherein the pluggable components are Java Archive (JAR) files. (col.2, line 56-col.3, line 30; "...programs for supporting Java applets etc....")

20. The method as recited in claim 1, wherein the network is the Internet. (col.2, line 56-col.3, line 30)

21. A system comprising: a first device; and a plurality of devices operable to couple to the first device via a network; wherein the first device is configured to: configure preference values for a plurality of pluggable components in accordance with user input; and distribute the plurality of pluggable components to the plurality of devices via the network subsequent to said configuring

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and in response to user input; and wherein the plurality of pluggable components are executable within the plurality of devices in accordance with the configured preference values to provide services to users of the plurality of devices. (claim 21 is similarly rejected as in claims 1-20)

22. The system as recited in claim 21, wherein the first device comprises a display component, wherein, in said configuring preference values for a plurality of pluggable components, the first device is further configured to: display in a graphical user interface on the display component a current value of each of the preference values of a first of the plurality of pluggable components; receive user input to the graphical user interface changing one or more of the displayed current values; and modify the preference values of the first pluggable component in accordance with the received user input. (claim 22 is similarly rejected as in claims 1-20)

23. The system as recited in claim 21, wherein the first device further comprises a display component, wherein, in said configuring preference values for a plurality of pluggable components, the first device is further configured to: receive user input to a command line interface on the display component of the device, wherein the user input specifies one or more of the preference values of the first pluggable component and a new value for each of the specified preference values; and modify the preference values of a first of the plurality of pluggable components in accordance with the received user input. (claim 23 is similarly rejected as in claims 1-20)

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24. The system as recited in claim 21, wherein the processor is further operable to initialize each of the preference values of each of the plurality of pluggable components to a default value for the preference value prior to said configuring, and wherein, in said configuring preference values of the plurality of pluggable components, the first device is further configured to modify one or more of the default preference values of at least one of the plurality of pluggable components.

(claim 24 is similarly rejected as in claims 1-20)

25. The system as recited in claim 21, wherein each of the plurality of pluggable components are copies of a first pluggable component, wherein, in said configuring preference values, the first device is further configured to customize the preference values for each of the plurality of pluggable components for execution within a corresponding one of the plurality of devices.

(claim 25 is similarly rejected as in claims 1-20)

26. The system as recited in claim 25, wherein, in said distributing, the first device is further configured to send each of the plurality of pluggable components to the corresponding one of the plurality of devices via the network. (claim 26 is similarly rejected as in claims 1-20)

29. The system as recited in claim 21, wherein each of the plurality of pluggable components comprises a preferences file comprising the preference values associated with the pluggable component. (claim 29 is similarly rejected as in claims 1-20)

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30. The system as recited in claim 21, wherein the preferences files are Java programming language Properties files. (claim 30 is similarly rejected as in claims 1-20)

31. The system as recited in claim 21, wherein each of the plurality of devices comprise an embedded server, wherein the plurality of pluggable components are executable within the embedded servers of the plurality of devices. (claim 31 is similarly rejected as in claims 1-20)

32. The system as recited in claim 31, wherein the embedded servers include Java Embedded Servers. (claim 32 is similarly rejected as in claims 1-20)

33. The system as recited in claim 21, wherein the pluggable components are Java Archive (JAR) files. (claim 33 is similarly rejected as in claims 1-20)

34. The system as recited in claim 21, wherein the network is the Internet. (claim 34 is similarly rejected as in claims 1-20)

35. A device comprising: a memory configured to store program instructions; an input device configured to receive user input; and a processor configured to read the program instructions from the memory and to execute the program instructions, wherein, in response to execution of the program instructions, the processor is operable to: configure preference values for one or more pluggable components on the device in accordance with received user input; and distribute the one or more pluggable components to one or more other devices via a network subsequent to

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said configuring and in response to user input; wherein the one or more pluggable components are executable within the one or more other devices in accordance with the configured preference values to provide services to users of the one or more other devices. (claim 35 is similarly rejected as in claim 1)

36. The device as recited in claim 35, further comprising: a display component; wherein, in said configuring preference values for one or more pluggable components, the processor is further operable to: display in a graphical user interface on the display component a current value of each of the preference values of a first of the one or more pluggable components; receive user input to the graphical user interface changing one or more of the displayed current values; and modify the preference values of the first pluggable component in accordance with the received user input. (claim 36 is similarly rejected as in claims 1-20)

37. The device as recited in claim 35, further comprising: a display component; wherein, in said configuring preference values for one or more pluggable components, the processor is further operable to: receive user input to a command line interface on the display component of the device, wherein the received user input specifies one or more of the preference values of the first pluggable component and a new value for each of the specified preference values; and modify the preference values of a first of the one or more pluggable components in accordance with the received user input. (claim 37 is similarly rejected as in claims 1-20)

38. The device as recited in claim 35, wherein the processor is further operable to initialize each

of the preference values of each of the one or more pluggable components to a default value for the preference value prior to said configuring. (claim 38 is similarly rejected as in claims 1-20)

39. The device as recited in claim 35, wherein the one or more pluggable components is a plurality of pluggable components, wherein each of the plurality of pluggable components are copies of a first pluggable component, wherein the one or more other devices is a plurality of devices, wherein, in said configuring preference values, the processor is further operable to modify the preference values for each of the plurality of pluggable components for execution within a corresponding one of the plurality of devices. (claim 39 is similarly rejected as in claims 1-20)

40. The device as recited in claim 39, wherein, in said distributing, the processor is further operable to send each of the plurality of pluggable components to the corresponding one of the plurality of devices via the network. (claim 34 is similarly rejected as in claims 1-20)

42. The device as recited in claim 35, wherein each of the one or more pluggable components comprises a preferences file comprising the preference values associated with the pluggable component. (claim 42 is similarly rejected as in claims 1-20)

43. The device as recited in claim 35, wherein the pluggable components are Java Archive (JAR) files. (claim 43 is similarly rejected as in claims 1-20)

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44. The device as recited in claim 35, wherein the network is the Internet. (claim 44 is similarly rejected as in claims 1-20)

45. A carrier medium comprising program instructions, wherein the program instructions are computer-executable to implement: configuring preference values for one or more pluggable components; and distributing the one or more pluggable components to one or more devices via a network subsequent to said configuring; wherein the one or more pluggable components are executable within the one or more devices in accordance with the configured preference values to provide services to users of the one or more devices. (claim 45 is similarly rejected as in claim 1)

46. The carrier medium as recited in claim 45, wherein, in said configuring preference values for one or more pluggable components, the program instructions are further computer-executable to implement: displaying on a graphical user interface a current value of each of the preference values of a first of the one or more pluggable components; receiving user input to the graphical user interface, wherein the received user input changes one or more of the displayed current values; and modifying the preference values of the first pluggable component in accordance with the received user input. (claim 46 is similarly rejected as in claims 1-20)

47. The carrier medium as recited in claim 45, wherein, in said configuring preference values for one or more pluggable components, the program instructions are further computer-executable to implement: receiving user input to a command line interface, wherein the received user input

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specifies one or more of the preference values of a first of the one or more pluggable components and a new value for each of the specified preference values; and modifying the preference values of the first pluggable component in accordance with the received user input. (claim 47 is similarly rejected as in claims 1-20)

48. The carrier medium as recited in claim 45, wherein the program instructions are further computer-executable to implement initializing each of the preference values of each of the one or more pluggable components to a default value for the preference value prior to said configuring. (claim 48 is similarly rejected as in claims 1-20)

49. The carrier medium as recited in claim 45, wherein the one or more pluggable components is a plurality of pluggable components, wherein each of the plurality of pluggable components are copies of a first pluggable component, wherein the one or more devices is a plurality of devices, wherein, in said configuring preference values, the program instructions are further computer-executable to implement modifying the preference values for each of the plurality of pluggable components for execution within a corresponding one of the plurality of devices. (claim 49 is similarly rejected as in claims 1-20)

50. The carrier medium as recited in claim 49, wherein, in said distributing, the program instructions are further computer-executable to implement sending each of the plurality of pluggable components to the corresponding one of the plurality of devices via the network.



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52. The carrier medium as recited in claim 45, wherein each of the one or more devices comprise an embedded server, wherein the one or more pluggable components are executable within the embedded server of each of the one or more devices. (claim 52 is similarly rejected as in claims 1-20)

53. The carrier medium as recited in claim 52, wherein the pluggable components are Java Archive (JAR) files. (claim 53 is similarly rejected as in claims 1-20)

54. The carrier medium as recited in claim 45, wherein the network is the Internet. (claim 54 is similarly rejected as in claims 1-20)

***Allowable Subject Matter***

3. Claims 13-14, 27-28, 41, and 51 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Response to Arguments***

4. Applicant's arguments with respect to claims 1-54 have been considered but are moot in view of the new ground(s) of rejection.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798. If

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attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



1/6/06

**JEFFREY PWU**  
**PRIMARY EXAMINER**